

Name: _____

Due _____

Date: _____

Quiz _____

Math: _____

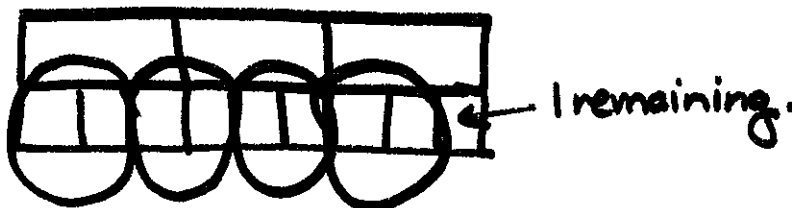
Study Guide | Quiz on 6.3 - 6.4 (Dividing Fractions and Mixed Numbers)

6.3A Modeling Fraction Division

1. Use the bars below to model the division of
- $6 \div \frac{3}{4}$

= _____

2. Chloe says that her model proves that
- $3 \div \frac{2}{3} = 4\frac{1}{3}$
- . Explain whether her reasoning is correct or incorrect.



6.3 Dividing Fractions (Algorithm)

	Rewrite as multiplication	Solve and simplify
3. $\frac{2}{5} \div \frac{3}{20}$		
4. $\frac{4}{6} \div \frac{5}{9}$		
5. $\frac{9}{15} \div \frac{1}{7}$		

Dividing Fractions and Mixed Numbers-

When dividing mixed numbers, we must change the mixed numbers to _____ before doing anything else!

6.

$$2\frac{1}{2} \div 1\frac{1}{8}$$

7.

$$7\frac{1}{3} \div 1\frac{5}{6}$$

Application- Show your work to solve the problems below. Write your final answer in simplest form.

8. You and two friends are sharing $\frac{3}{4}$ a pound of chocolate. What fraction of a pound will each of you get if you share the chocolate equally?

9. $\frac{1}{2}$ of a cup of M&Ms is considered 1 serving. How many servings of M&Ms are there in a bag that contains 4 cups of M&Ms?